

# Material Safety Data Sheet

Identity (As Used on Label and List)

Happy Hues™ Pink

## SECTION 2: Hazardous Ingredients/Components

Manufacturer's Name ChromaSand LLC	Emergency Telephone Number 888-556-3304
Address (Number, Street, City, State and ZIP Code) 6409 Granger Road Independence, Ohio 44131	Telephone Number for Information 888-556-3304
	Date Prepared August 13, 2002
	Signature of Preparer (optional)

## SECTION 3: Hazardous Components (Specific Chemical Identity):

Common Name(s)	CAS#	OSHA PEL	ACGIH TLV	Other Limits	%(optional)
Crystalline silicon dioxide (SiO <sub>2</sub> ) (as respirable dust)	14808-80-7		0.1mg/cubic meter		
Titanium Dioxide	13463-87-7		N/A	N/A	
Pigment Red 122	980-26-7		N/A	N/A	
Polymer	N/A		N/A	N/A	

## SECTION 4: Physical and Chemical Properties

Boiling Point	4048° F	Specific Gravity (Water = 1)	2.65
Vapor Pressure	None	Melting Point	N/A
Vapor Density	None	Evaporation Rate	None
Solubility in Water	Insoluble		
Appearance and Odor	Pink Granular Solid -- Odorless		

## SECTION 5: Fire and Explosion Hazards

Flash Point (Method Used) Non-Flammable	Flammable Limits None	LEL None	UEL None
Extinguishing Media None Required			
Special Fire Fighting Procedures N/A			
Unusual Fire and Explosion Hazards None			

## SECTION 6: Reactivity

Stability	Unstable	Conditions to Avoid
	Stable	XX
Incompatibility (Materials to Avoid)	Avoid contact with powerful oxidizing agents such as fluorine, chlorine trifluoride, manganese trioxide and oxygen difluoride may cause fires.	
Hazardous Decomposition or Byproducts:	Silica will dissolve in hydrofluoric acid and produce a corrosive gas-silicon tetrafluoride.	
Hazardous Polymerization	May Occur	Conditions to Avoid
	Will Not Occur	XX

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<b>SECTION 2: HAZARD IDENTIFICATION</b>				
<b>Route of Entry:</b>	<b>Inhalation?</b> XX	<b>Skin?</b> XX	<b>Ingestion?</b> N/A	
<b>Health hazards (Acute and Chronic)</b>				
<b>ACUTE:</b> Mechanical irritation of skin and eyes, cough and dyspnea (labored breathing) if excessive dust is inhaled.				
<b>CHRONIC:</b> Silicosis of lung				
<b>Carcinogenicity:</b>				
<b>OSHA?</b> No				
<b>NPT?</b> Yes The National Toxicology Program published its sixth annual report on carcinogens in 1992 which concludes that respirable crystalline silica may reasonably be anticipated to be a carcinogen.				
<b>IARC Monographs?</b> Yes. IARC Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Humans (Vol. 68, 1997) concludes (with 10 yes and 7 no votes) that there is sufficient evidence for the carcinogenicity of inhaled crystalline silica to human beings.				
<b>Signs and Symptoms of Exposure</b>				
Decreased lung capacity, pain in the chest.				
<b>Medical Conditions Generally Aggravated by Exposure</b>				
Pulmonary function may be reduced by inhalation of respirable crystalline silica. Also lung scarring produced by such inhalation may lead to a progressive massive fibrosis of the lungs which may aggravate other pulmonary conditions and diseases and which increases susceptibility to pulmonary tuberculosis. Progressive massive fibrosis may be accompanied by right heart enlargement, heart failure and pulmonary failure. Smoking aggravates the effects of exposure.				
<b>Emergency and First Aid Procedures</b>				
INHALATION: Remove to fresh air. EYE CONTACT: Flush eyes with water for 15 minutes				
<b>Steps to be Taken in Case Material is Released or Spilled</b>				
Use wet collection methods to minimize dust entrainment in the air.				
<b>Waste Disposal Method</b>				
Dispose of in accordance with local, state and federal regulations.				
<b>Precautions to be Taken in Handling and Storing</b>				
Use dustless systems for handling, storage and clean-up. Use dust respirators for use in emergency or non-routine situations.				
<b>Other Precautions</b>				
N/A				
<b>SECTION 3: EXPOSURE CONTROLS</b>				
<b>Respiratory Protection (Specify Type)</b>				
In dusty conditions, use NIOSH/MSHA approved respirators.				
<b>Ventilation</b>	<b>Local Exhaust</b>	<b>Mechanical</b>	<b>Special</b>	<b>Other</b>
	As Needed	N/A	N/A	N/A
<b>Protective Gloves</b>	<b>Eye Protection</b>			
N/A	Goggles in dusty conditions			
<b>Other Protective Clothing or Equipment</b>				
N/A				
<b>Work / Hygienic Practices</b>				
N/A				

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